

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(((\$4dial or \$6wheel) and (tracing same position same direction) and \$4phone	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:29
		(peripheral near4 (button wheel key)) with (center near3 (button wheel key) and \$4phone.ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:58
L1	138959	"455"/\$.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:31
L2	111449	"379"/\$.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:31
L3	130032	"370"/\$.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:31
L4	176501	"340"/\$.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:35
L5	286	(center near2 (button key)) with (concentric wheels)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:36

L6	517574	1 2 3 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:36
L7	9	6 and 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:36
L8	23	(center near2 (button key)) with (concentric wheels) with "two"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:38
L9	4	(navigat\$3 with (concentric wheels) with "two") with menu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:42
L10	169	(navigat\$3 with (concentric wheels)) with menu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:45
L11	4	(navigat\$3 with (concentric)) with menu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:45
L12	0	(navigat\$3 with (wheel)) with menu with multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:50
L13	30	(navigat\$3 with (wheel)) with multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:50

L14	27	(navigat\$3 with (wheel)) near34 multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:51
L15	6	(navigat\$3 with (wheel)) near4 multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:51
L16	38	(concentric with (wheel)) near4 multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:51
L17	10346	(concentricnear4 (wheel)) near4 multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:52
L18	44	(concentric near4 (wheel)) near4 multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:52
L19	0	18 and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:52
L20	0	(concentric near4 (wheel)) near4 multiple with select\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:52
L21	0	18 and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:52

L22	79	(peripheral near4 (button)) and \$45phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:57
L23	71	(peripheral near4 (button)) and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:57
L24	7	(peripheral near4 (button wheel key)) with (center near3 (button wheel key)) and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 10:58
L25	2	(peripheral near4 (button wheel key)) with (center near3 (button wheel key)) and radio.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:02
L26	567	navigation\$3 near3 wheel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:02
L27	0	navigation\$3 near3 wheel with concentric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:02
L28	0	(navigation\$3 near3 wheel) with concentric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:03
L29	91	(navigation\$3 near3 wheel) with button	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:04

L30	75	29 and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:04
L31	12	29 and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:04
L32	3	click\$wheel and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:06
L33	3	click\$wheel with (multiple dual two concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:10
L34	130	(navigation\$3 near3 (wheel dial)) with button	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:19
L35	5	navigation\$3 near3 dial with concentric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:19
L36	15	\$4phone.ab. and dial with concentric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:20
L37	218	dial with concentric with (select\$3 navigat \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:26

L38	13	(two multiple dual) near3 dial with concentric with (select \$3 navigat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:27
L39	53	\$4phone.ab. and (dial with direction\$3 with buttons)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:37
L40	17	"4185281"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:45
L41	2	"4185281".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 11:45
L42	1376	(wheel dial) with zoom	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:14
L43	1580	(wheel dial) with zoom \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:14
L44	29	\$4phone.ab. and 43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:15
L45	0	44 and rubber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:15

L46	1164	(\$4dial or \$6wheel) same tracing same position same direction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:24
L47	92	(\$4dial or \$6wheel) with tracing with position with direction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:25
L48	8	(((\$4dial or \$6wheel) with tracing with position with direction). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:26
L49	0	(((\$4dial or \$6wheel) with tracing with position with direction) and phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:26
L50	0	(((\$4dial or \$6wheel) with tracing with position with direction) and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:26
L51	3	(((\$4dial or \$6wheel) with tracing with position with direction) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:27
L52	0	(((\$4dial or \$6wheel) with tracing same position same direction) and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:28
L53	13	(((\$4dial or \$6wheel) with tracing same position same direction) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:28

L54	137	(\$4dial or \$6wheel) and (tracing same position same direction) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:29
L55	0	(\$4dial or \$6wheel) and (tracing same position same direction) and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:30
L56	0	(\$4dial or \$6wheel) and (tracing same position same direction).ab. and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:30
L57	0	(\$4dial or \$6wheel).ab. and (tracing same position same direction) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:30
L58	137	(\$4dial or \$6wheel) and (tracing same position same direction) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:30
L59	96	(((\$4dial or \$6wheel) with tracing ) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:36
L60	10	(((\$4dial or \$6wheel) with tracing with (turn \$4 rotat\$4) ) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:37
L61	1282	(((\$4dial or \$6wheel) with detect\$3 with (turn \$4 rotat\$4) ) and \$4phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:38



L62	302	(((\$4dial or \$6wheel) with detect\$3 with (turn \$4 rotat\$4) ) and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:39
L63	118	(((\$4dial or \$6wheel) with detect\$3 with (turn \$4 rotat\$4) ).ab. and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:40
L64	61	(((\$4dial or \$6wheel) with detect\$3 with (turn \$4 rotat\$4) ).ab. and \$4phone.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:40
L65	21	(((\$4dial or \$6wheel) with detect\$3 with (turn \$4 rotat\$4) with direction ).ab. and \$4phone.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 12:58
L66	0	"10785457".an.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:01
L67	0	"10/785457".an.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:01
L68	2	"10/785457"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:01
L69	1	\$4phone.ab. and ((rubber flexible) with button with (buffer guard) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:41

L70	12	\$4phone.ab. and ((rubber flexible) with button with (buffer\$\$3 guard\$3 prectect\$3 prevent\$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:43
L71	16	keyboard.ab. and ((rubber flexible) with button with (buffer\$\$3 guard\$3 prectect\$3 prevent\$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:43
L72	10	keypad.ab. and ((rubber flexible) with button with (buffer\$\$3 guard\$3 prectect\$3 prevent\$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:44
L73	36	70 71 72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:44
L74	33	(keypad keyboard phone).ab. and ((rubber flexible membrane) with button with (buffer\$\$3 guard \$3 prectect\$3 prevent \$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:46
L75	19	(keypad keyboard phone).ab. and ((rubber flexible membrane) with button with (buffer\$\$3 guard \$3 prectect\$3 prevent \$3) ).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 13:46
L76	382	379/367.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/24 14:09

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